I st And Final Bill Work Code 006-14.000000/.

M. A. R. 57 (Rule 116)

Measurement Book No. B

Serial No. Resurfacing of the Roads in Bhagyasree 355301

Name of Work in Ward No. 06 From Byatarayanapura Sub division. layout

Name of Contractor of nature of Agency Sri: R. Nataraj

Date of commencement of work HMT Layout Vidyaranyapura, B-Lore-97

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work order No. EE/BTP/BBMP/E.PMT/68/2014-15. date: 12.8.2014.						
(1)	Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 mtrs and an average lift upto 0.50 mtr excavated Surface loosened readily after breaking of clods compress as per Specification ese. compress and direction of Engineer incurse of the work.						

Cheque
9+-8.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per Pre-measurement recorded vide Page No. 355352 to 355354					375.20 m^3	34038:14
	Page. 90:72						
(2)	Removing BS slag drain and stacking ese. Complex as per Specification:						
	As per Pre-measurement recorded vide Page No.. 355355 to 355356					742.50 m^2	in this MB. 37206:67
	Page. 50:11						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(3)	Refixing sl ese.. Complese Quan
	Page. 70:04
(4)	Scarifying e thickness along w

Contents 7	Reference to last Measurement 8
ed vide in this MB. 375.20 M³	34038:14
eking ese. Complex	
corded vide 6 in this MB. 742.50 M²	37206:67

M. A. R. 57 (Rule 116)
Measurement Book

No. B 355302

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(3)	Refixing Stone slabs & Grating and Pointing in CM 1:3 ese.. Complete as per Specification. Quantity vide Item no. (2) Rate 70:04					742.50 M²	52005 - 52026:97
(4)	Scarifying existing Stone metal layer upto 75 mm thick along with their bituminous Surface Pinching up						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Scarified materials and stacking of old Serviceable material WBM lead 100 M & Sequential Spreading of the Scarified aggregates with fresh aggregate on Prepared base and consolidating as per Waterbound macadam Specification including cost of all labour T&M & Machineries Complete as per Specification etc.. Complete as per Specification.						
	As per Pre-Measurement recorded vide Page No. 355 356 to 355 359 in this MB. Rate - 72:79					2800.00 M²	203812=

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
(5)	Providing laying Stones aggregate including Premix in Mechanical Mix be tipper to Site in Sub base/base Compacting with density Compress	

OOK

h	Depth 6	Contents 7	Reference to last Measurement 8
		acing & old Service	
		Sequential Spreadi	
		with fresh aggregate	
		Rolling as per Waterbou	
		cluding cost & all Labo	
		as per Specification	
		ification.	
		recorded vide	
	359	in this MB.	
		2800.00 M²	203812/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B

355303

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(5)	Providing laying Spreading and compacting Graded Stones aggregate to WBM mix macadam Specification including Premixing the Mechanical with Water as one in Mechanical Mix Plant carriage & mixed Mechanical by tipper to Site laying in uniforms layers with Paver in Sub base/base Course on well Prepared Surface and compacting with vibratory Roller to achive the designed density Compose as per Specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As Per Pre. Measurement recorded vide Page No. 355359 to 355361 in this MB.					420.00 M^3	
	Page. 1121:04						470836:80
(6)	Cleaning the existing WBM Road Surface by including removing & sending material and other foreign matter with wire brushes and small picks Sweeping with brooms or soft brushes and finally dusting with old gunny bags and or Compressed						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	ders to receive Cost & all mesen Compresse as Per
	As Per Pre. M
	Page No. 3
	Page. 10:53

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
			nt recorded vide 5361 in this MB. 420.00 M³ 470836=80
			M Road Sergaon to g material and other shes and small pieces t breshes and finally and or Compressed

M. A. R. 57 (Rule 116)
Measurement Book

No. B 355304

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	ers to receive sieve mixing treatment including Cost & all materials Cost with HOM & machinery Curing Compose as per specification. ese.. Compose. As per Pre-measurment recorded vide Page No.. 355361 to 355364 in this MB. Page. 10:53					2800.00 M²	29484=40

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(7)	Providing and applying Primer Coat from 12.2 to 14.6 kg per 10 Sq.mtr for Surfaces of high Porosity over Prepared Surfaces of high Porosity over Prepared Surface of granular base with cost sank ME 70 or any other Bitumen mixed with diesel @ 13 kg per 10 Sq.mtr heated in Bitumen boiler fitted with Spray Set (excluding cleaning of road Surface including cost of all necessary Labour tools & maneuvaries complete as per Specification etc. complete.						

erial No. .....
lame of Work .....
lame of Contractor of nature of Agency .....
)ate of commencement of work .....

Date	Full description, etc, of work
1	2
	As per Pre. Page No. 35
	Page. 142 : 07
(8)	Providing and 25mm thick WBM on average ouse

OK

Depth 6	Contents 7	Reference to last Measurement 8
r Coat from 12.2 to		
ee & high Porosity		
Porosity overflow		
ers tank ME 70 or		
diesel of 13 HP		
boiler fitted with		
& road Engine		
& Cases from 1-		
er & Reclamation		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

355305

Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Cheque
9+-8
5.00 lakh
Bal: 50.09
@: 9981.33

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	As per Pre-measurement recorded vide Page No. 355362 to 355365 in this MB.						
	Page. 142:07					2800.00 m^2	397796:00
(8)	Providing and laying Semi dense bituminous Concrete 25mm deck WMM 100-120 TPH batch type HMP Producing an average output of 75 tonnes per hour using Crushed						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	aggregate of specified grading premixed with bituminous binder @ 4.5 to 5% & mixed and transporting the hot mix to work site laying using hydrostatic paver finishers with sensor control to the required grade level and alignment rolling with smooth wheeled vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No 500.8 Compose in all respects as per specification 60/70 grade bitumen using no.60 etc. Compose as per specification.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
	I st cross -	
	2nd cross	

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
grading premixed wi			
5 to 5 x 3 mixed gra			
e to work site layi			
finishers work Servi			
grade level and alig			
Monatory and tandem			
ed Compaction upto MDD			
8 Compacte in all Respe			
grade & dimensions			
Specification.			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 355306

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	I st cross -	1	30.00	(4.70 + 4.20) / 2	x 0.025	3.33	
		1	30.00	(4.20 + 4.55) / 2	x 0.025	3.28	
		1	27.80	(4.55 + 4.60) / 2	x 0.025	3.17	
		1	16.50	4.80	0.025	1.98	
	2nd cross	1	30.00	(4.60 + 4.20) / 2	x 0.025	3.30	
		1	30.00	(4.20 + 4.50) / 2	x 0.025	3.26	
						18.32	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	18.32	
1	2	3	4	5	6	7	8
		1	30.00	(4.80 + 4.20) / 2 x 0.025		3.26	
		1	22.00	4.20	0.025	2.31	
	3rd Cross -	1	30.00	(5.0 + 4.65) / 2 x 0.025		3.61	
	C&FC.	1	30.00	(4.65 + 4.85) / 2 x 0.025		3.56	
	P.W. (W.O.) 16/07	1	30.00	(4.85 + 4.60) / 2 x 0.025		3.54	
		1	15.00	4.60	0.025	1.72	
	4th Cross -	1	30.00	(4.25 + 5.0) / 2 x 0.025		3.46	
						39.78	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	C&FC.
	Cross Road P.W. (W.O. 16/07

OK

Depth 6	Contents 18.32 7	Reference to last Measurement 8
+4.20)		
x0.025	3.26	
0.025	2.31	
4.65)	3.61	
x0.025		
+4.85)	3.56	
x0.025		
+4.60)	3.54	
x0.025		
0.025	1.72	
+5.0)	3.46	
x0.025	39.78	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 355307

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 39.78 7	Reference to last Measurement 8
		1	30.00	(5.0+4.60)/2	x0.025	3.60	
	C&FC. 16/03	1	22.60	4.20	0.025	2.37	
	Cross Road R.U. (W.2)	1	30.00	(6.0+4.25)/2	x0.025	3.84	
		1	30.00	(4.25+5.10)/2	x0.025	3.50	
		1	30.00	(5.10+4.80)/2	x0.025	3.71	
						56.80	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	56.80	
1	2	3	4	5	6	7	8
	C & FC 2225 Mts 31/7/2017 Cross Road	1	30.00	(4.80 + 4.0) / 2	x 0.025	3.30	
		1	3.40	4.00	0.025	0.34	
		1	30.00	(4.20 + 4.80) / 2	x 0.025	3.37	
		1	30.00	(4.80 + 4.35) / 2	x 0.025	3.43	
		1	28.00	(4.35 + 4.85) / 2	x 0.025	3.22	
						3	
	Rate. 9981:33					70.00 M	698693:1

M.

Serial No. .....

Name of Work ..... Fr

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	Corrigi Case. ① Corri ② Dig	

epth 6	Contents 7	Reference to last Measurement 8
2.0)		
0.025	3.30	
025	0.34	
1.80)		
0.025	3.37	
.35)		
0.025	3.43	
1.85)		
.025	3.22	
	70.00 M 3	698693=1

M. A. R. 57 (Rule 116)
Measurement Book

No. B 355308

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

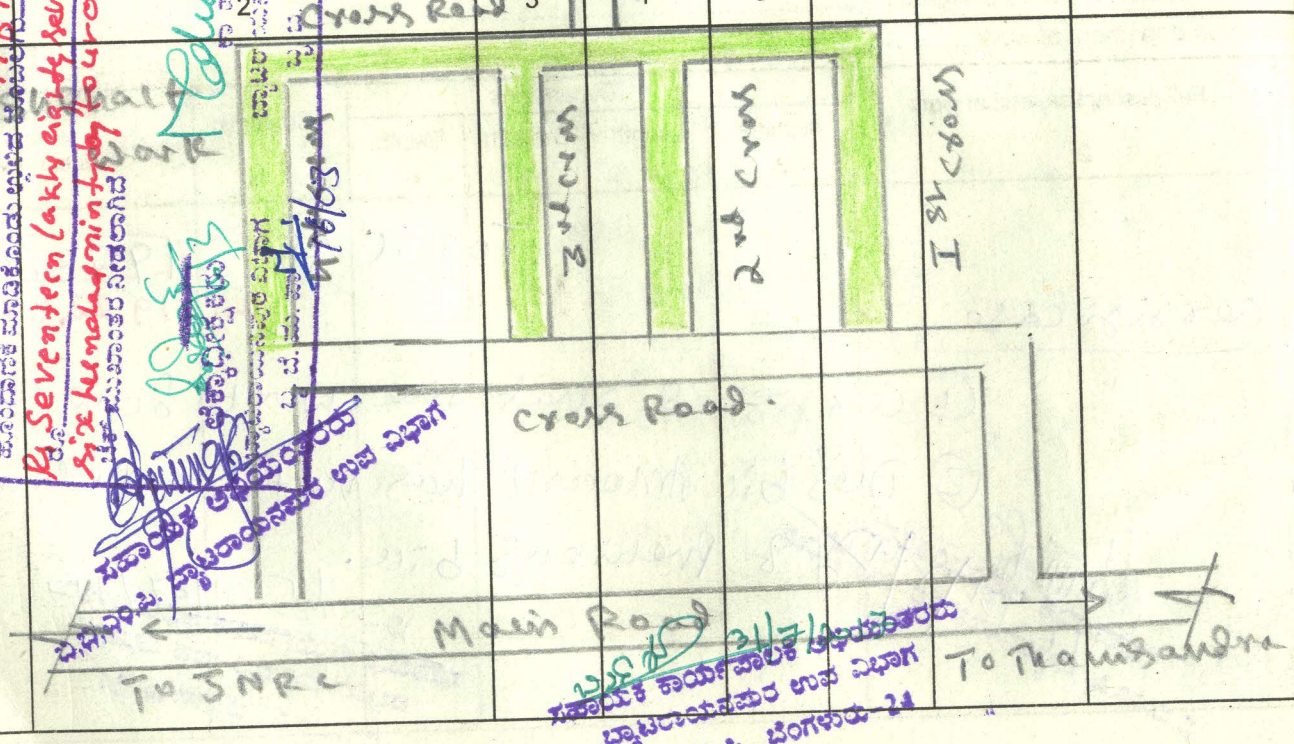
Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
					Total	Rs - Rs.	1923600.00 19,23,871-00
	Corrigi Case.						
	① Corrigied that the Work done Satisfactory						
	② This bill Amount has not been Climed in Previous bill.						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8



I & F Bill

Serial No. ..... Improvement

Name of Work ..... Ward No. ...

Name of Contractor of nature of Agency ...

Date of commencement of work .... 280...

Date	Full description, etc, of work
1	2
	Work order N
(1)	Earthwork exca... Soil involving ... and an average ... and sides neatly ... Rate 86.92 As Per ... 35